



11/68/03/2354

REC'D	PCT/PTO
JUN 2003	
WIPO	PCT

30 NOV 2004

The Patent Office  
Concept House  
Cardiff Road  
Newport  
South Wales  
NP10 8QQ

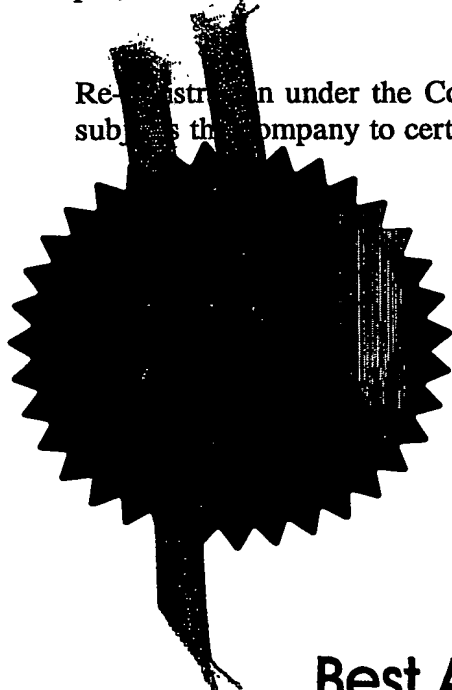
#3

I, the undersigned, being an officer duly authorised in accordance with Section 74(1) and (4) of the Deregulation & Contracting Out Act 1994, to sign and issue certificates on behalf of the Comptroller-General, hereby certify that annexed hereto is a true copy of the documents as originally filed in connection with the patent application identified therein.

In accordance with the Patents (Companies Re-registration) Rules 1982, if a company named in this certificate and any accompanying documents has re-registered under the Companies Act 1980 with the same name as that with which it was registered immediately before re-registration save for the substitution as, or inclusion as, the last part of the name of the words "public limited company" or their equivalents in Welsh, references to the name of the company in this certificate and any accompanying documents shall be treated as references to the name with which it is so re-registered.

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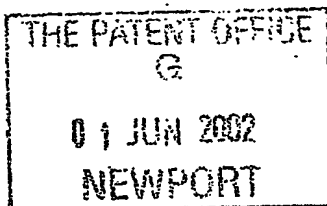


Signed

Dated 17 June 2003

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**PRIORITY  
DOCUMENT**  
SUBMITTED OR TRANSMITTED IN  
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The Patent Office

Cardiff Road  
Newport  
Gwent NP9 1RH

# Request for grant of a patent

(See the notes on the back of this form. You can also get an explanatory leaflet from the Patent Office to help you fill in this form)

## 1. Your reference

GB1773/PHONEBLOCK

## 2. Patent application number

(The Patent Office will fill in this part)

0212833.8

## 3. Full name, address and postcode of the or of each applicant (underline all surnames)

01 JUN 2002

RORY JOSEPH DONNELLY  
25 HAYES LANE  
BECKENHAM  
KENT BR3 6QS

Patents ADP number (if you know it)

If the applicant is a corporate body, give the country/state of its incorporation

8395550001

## 4. Title of the invention

ELECTRONIC TELEPHONE BLOCKING DEVICE

## 5. Name of your agent (if you have one)

"Address for service" in the United Kingdom to which all correspondence should be sent (including the postcode)

D GAMBELL & CO  
CHARTERED PATENT AGENTS  
MELBURY HOUSE  
34 SOUTHBOROUGH ROAD  
BICKLEY, KENT  
BR1 2EB

Patents ADP number (if you know it)

75 46864001

## 6. If you are declaring priority from one or more earlier patent applications, give the country and the date of filing of the or of each of these earlier applications and (if you know it) the or each application number

Country

Priority application number  
(if you know it)

Date of filing  
(day / month / year)

## 7. If this application is divided or otherwise derived from an earlier UK application, give the number and the filing date of the earlier application

Number of earlier application

Date of filing  
(day / month / year)

## 8. Is a statement of inventorship and of right to grant of a patent required in support of this request? (Answer 'Yes' if:

NO

- a) any applicant named in part 3 is not an inventor, or
  - b) there is an inventor who is not named as an applicant, or
  - c) any named applicant is a corporate body.
- See note (d))

# Patents Form 1/77

9. Enter the number of sheets for any of the following items you are filing with this form. Do not count copies of the same document

Continuation sheets of this form	0
Description	2
Claim(s)	0
Abstract	0
Drawing(s)	1 + 1 <i>ll</i>

10. If you are also filing any of the following, state how many against each item.

Priority documents	0
Translations of priority documents	0
Statement of inventorship and right to grant of a patent (Patents Form 7/77)	0
Request for preliminary examination and search (Patents Form 9/77)	0
Request for substantive examination (Patents Form 10/77)	0
Any other documents (please specify)	NONE

11. I/We request the grant of a patent on the basis of this application.

Signature

Date

*D Gambell & Co*

31 May 2002

12. Name and daytime telephone number of person to contact in the United Kingdom

D GAMBELL

Tel: 020 8249 5744

## Warning

After an application for a patent has been filed, the Comptroller of the Patent Office will consider whether publication or communication of the invention should be prohibited or restricted under Section 22 of the Patents Act 1977. You will be informed if it is necessary to prohibit or restrict your invention in this way. Furthermore, if you live in the United Kingdom, Section 23 of the Patents Act 1977 stops you from applying for a patent abroad without first getting written permission from the Patent Office unless an application has been filed at least 6 weeks beforehand in the United Kingdom for a patent for the same invention and either no direction prohibiting publication or communication has been given, or any such direction has been revoked.

## Notes

- If you need help to fill in this form or you have any questions, please contact the Patent Office on 0645 500505.
- Write your answers in capital letters using black ink or you may type them.
- If there is not enough space for all the relevant details on any part of this form, please continue on a separate sheet of paper and write "see continuation sheet" in the relevant part(s). Any continuation sheet should be attached to this form.
- If you have answered 'Yes' Patents Form 7/77 will need to be filed.
- Once you have filled in the form you must remember to sign and date it.
- For details of the fee and ways to pay please contact the Patent Office.

### Telephone call barr

This development has now been completed, the unit differs from the original written spec in two ways. Firstly, the unit now barrs all calls except those stored in the unit. Secondly, the unit currently stores 10 numbers, although work is ongoing to give 20 numbers. This software will be made available when fixed.

### Operation

The unit is plugged in between the phone and the wall socket.  
When the receiver is lifted, the green light should light showing off-hook condition.  
If a number is entered that does not match a stored number, the unit disconnects the line.  
Disconnection is also signalled by a tone and a red light on the unit.  
Unit is automatically switched off when phone is on-hook, to save battery power.

### *To enter numbers-*

Dial \*\*\*\*                      -hear 2 beeps  
Dial 1234                      -default passnumber, hear 2 beeps; or hangs up if wrong passnumber  
You are now in programming mode. Hang up phone will cancel this.

Dial 01322 664601#3 -unit stores this number in location 3, line disconnects  
                                 -valid locations 0-9

Repeat this sequence for up to 10 numbers.

These numbers will remain, even if the unit loses battery power.

999 and 911 are inbuilt allowed numbers, which cannot be removed.

To change passnumber, or if passnumber forgotten-

Press internal reset button, lift receiver and keep holding button for 1 second.

When you next go into programming mode, you may enter any passnumber and this will become the new passnumber.

The unit can be programmed remotely by ringing the phone it is connected to, having someone answer and then keying in from your remote phone as you would for the local phone.

Whilst care will be taken to design the unit to be able to meet BT connection approvals, no specific approval will exist or be implied. Further work at pre-production stage may be required. The unit may still be used, but will need to state that it is not approved for connection...etc.

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## BILL OF MATERIALS

Design: Telephone Call Screen  
 Doc. no.: roryl  
 Revision: 1.0  
 Author: Andy  
 Created: 25-Mar-02  
 Modified: 15-Apr-02

Partslist generated OK.

QTY	PART-REFS	VALUE	SPEC
<b>Resistors</b>			
5	R1,R7,R8,R9,R14	10K	MRS25 0.6W 1%
1	R2	1M	MRS25 0.6W 1%
2	R3,R4	330R	MRS25 0.6W 1%
3	R5,R12,R13	1K	MRS25 0.6W 1%
3	R6,R10,R11	100K	MRS25 0.6W 1%
<b>Capacitors</b>			
1	C1	33pf	
1	C2	22pf	
1	C3	.1u	
1	C4	1u	
1	C5	1u	CAP POLY 5*6MM
1	C6	10u	
<b>Integrated Circuits</b>			
1	IC1	AT89C2051	
1	IC2	MT3171	
1	IC3	AT24C04	
<b>Transistors</b>			
3	Q1,Q2,Q4	BC182	
1	Q3	J177	
<b>Diodes</b>			
1	D1	TRILED	
2	D2,D3	BZX85C	
1	D4	BZX85C5	
1	D5	1N4148	
<b>Miscellaneous</b>			
1	BR1	BRIDGE	
2	LINE,PHONE	CONN-H3	
1	POWER	CONN-H2	.1*2 HEADER
1	RL?	RELAY	
1	T1	S-TRANSF	
1	U1	4N25	
1	U2	78L05	5V LINEAR REG
1	X1	CRYSTAL	





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